13 The diagram shows two hot air balloons.
A is a point on the base of one of the balloons and *B* is a point on the base of the other balloon.

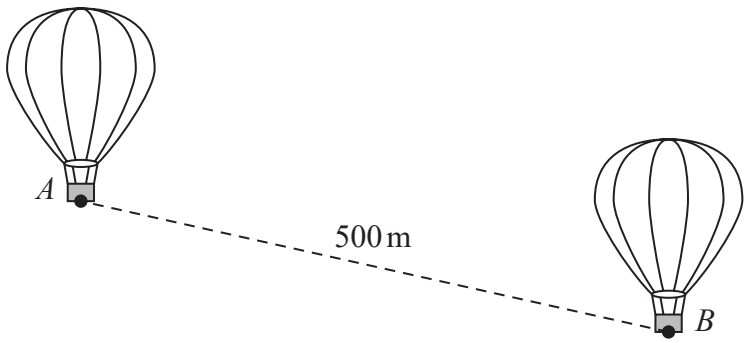


Diagram **NOT** accurately drawn

The distance between *A* and *B* is 500 metres.
The angle of depression of *B* from *A* is 23°

Calculate the vertical height of *A* above *B*.
Give your answer correct to one decimal place.

..... metres

(Total for Question 13 is 3 marks)

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